

ABSTRACT

A vascular device comprising a plurality of vessel engaging members and a valve. The device is movable from a collapsed insertion position having a first diameter to a second expanded position having a second diameter larger than the first diameter. The plurality of vessel engaging members extend outwardly from the device for securely engaging the internal wall of a vessel upon expansion of the device to the second expanded position, wherein the vessel engaging members pull the internal wall of the vessel radially inwardly upon movement of the device from the second expanded position toward a first expanded position having a third diameter greater than the first diameter and less than the second diameter. In the first expanded position the valve is movable between an open position to allow blood flow therethrough to a closed position to prevent blood flow.